ABSTRACT

A laser recording thermally sensitive recording medium comprising, at least a photo absorbing material which absorbs laser ray and covert the laser ray to heat, colorless or pale colored basic leuco dye and organic color developing agent on a substrate as main components, wherein said photo absorbing material is a compound represented by general formula (1),

$$Xn$$
 $C = CH - CH = CH - C$
 Xn
 Zn
 (1)

wherein, n indicates an integer of from 1 to 4, and structural formula of Xn, Yn and Zn- are indicated in Table 1.

Table 1

	n = 1	n = 2	n = 3	n = 4
Χn	$N (C_2H_5)_2$	$N (C_2H_5)_2$	$N (CH_3)_2$	$N (C_2H_5)_2$
Υn	$N (C_2H_5)_2$	$N (C_2H_5)_2$	Н	OCH ₃
Z n -	C ₄ H ₉ —B————	H ₃ C SO ₃	CF ₃ SO ₃	CF ₃ SO ₃